

2019-11-14 DSpace 7 Working Group Meeting

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Date

14 Nov 2019 from [15:00-16:00 UTC](#)

Location: <https://lyrasis.zoom.us/my/dspace> (Meeting ID: 502 527 3040).

- More connection options available at [DSpace Meeting Room](#)

Agenda

- (15 mins) Developer Stand Up - Developers give brief updates on their effort (or their team's effort).
 - Update/see "Current Work" section below based on your status. *Please feel free to update prior to meeting.*
 - Please highlight any new work (needing reviews/testing), any blockers (for you), and any discussion topics you may have.
- (30 mins) General Discussion Topics
 1. Brief update on ongoing Steering/Leadership discussions around 7.0 release schedule.
 2. (Ongoing Topic) High priority [REST Authorization](#) efforts (and upcoming PR from [Andrea Bollini \(4Science\)](#)). Any questions or concerns needing discussion?
- (15 mins) Planning for next week
 - Assigning PRs for Review
 - Next tasks from [Development Planning Spreadsheet](#)

Attendees

- [Art Lowel \(Atmire\)](#)
- [Andrea Bollini \(4Science\)](#)
- [Tim Donohue](#)
- [Lieven Droogmans](#)
- [Mark H. Wood](#)
- [Giuseppe Digilio \(4Science\)](#)
- [Ben Bosman](#)
- [Chris Wilper](#)
- [Paulo Graça](#)
- [Dimitris Pierrakos](#)
- [Julius Gruber](#)
- [Laura Henze](#)
- [Pascal-Nicolas Becker](#)

Current Work

Legend for status icons

★ = Highest Priority tasks (please prioritize these reviews/tasks over others). These are tasks with lots of dependencies

✖ = review done, changes were requested or bugs found.

✔ = review done, approved.

⚠ = review done, merge conflict or other minor changes requests

1 APPROVAL = pull request only requires a single approval to merge. This is generally reserved for PRs which are either smaller, obvious, and /or bug fixes with tests to prove they work.

Tickets / PRs In Progress

1. (Angular) Adding Accessibility via Travis CI <https://github.com/DSpace/dspace-angular/pull/356> (work in progress) (*Lower priority*)

2. 🚩 (Angular Bug) <https://github.com/DSpace/dspace-angular/issues/368> (Art Lowel (Atmire))
3. (REST Contract) Edit Homepage news: <https://github.com/DSpace/Rest7Contract/pull/45> (Ben Bosman - has outstanding questions/comments) (Lower priority)
4. (REST) [DS-4043](#): Revisit the security layer of the submission (work in progress) Andrea Bollini (4Science)
5. (REST) Pagination bug with withdrawn items: <https://github.com/DSpace/DSpace/pull/2406> (Dimitris Pierrakos , Ben Bosman - Feedback provided)

PRs Needing Review

1. (REST Contract) Group and eperson management: <https://github.com/DSpace/Rest7Contract/pull/41> (Tim Donohue - feedback provided, Andrea Bollini (4Science) - 🚩 feedback provided)
2. **(NEW)** (REST Contract) Workflow step definitions <https://github.com/DSpace/Rest7Contract/pull/91> (Andrea Bollini (4Science), Mark H. Wood)
3. (REST Contract) Contract for resourcepolicies: <https://github.com/DSpace/Rest7Contract/pull/87> (Ben Bosman , Tim Donohue - minor feedback provided)
4. ★ **(NEW)** (REST Contract) Contract for authorizations endpoints <https://github.com/DSpace/Rest7Contract/pull/92> (Ben Bosman, Paulo Graça, Tim Donohue)
5. (REST) Scripts and processes endpoint <https://github.com/DSpace/DSpace/pull/2529> 1 APPROVAL (Tim Donohue - 🚩 concerns about creating a lot of new Controllers, Dimitris Pierrakos) - Was reviewed by Ben Bosman internally.
6. (REST) Ds 4317 bundles in rest <https://github.com/DSpace/DSpace/pull/2548> (✅ Ben Bosman, Tim Donohue - 🚩 concerns about creating a lot of new Controllers, Chris Wilper)
 - a. Also requires PR#509 (Angular), otherwise Angular demo will break
7. ★ (REST) **(HIGH PRIORITY)** REST Projections initial PR: <https://github.com/DSpace/DSpace/pull/2547> (Andrea Bollini (4Science) , ✅ Ben Bosman , Tim Donohue)
8. **(NEW)** (REST) CRUD for collection item template <https://github.com/DSpace/DSpace/pull/2579> (Michael Spalti, Kevin Van de Velde (Atmire))
9. (Angular) Shibboleth integration support: <https://github.com/DSpace/dspace-angular/pull/429> (Giuseppe Digilio (4Science) reviewed again **fixed error with yarn start**, Fernando FCT/FCCN, Paulo Graça - feedback provided)
10. **(MERGE)** (Angular) forceBypassCache should be removed from the RequestService: <https://github.com/DSpace/dspace-angular/pull/468> (✅ Art Lowel (Atmire) - approved again, Giuseppe Digilio (4Science)✅ approved)
11. **(MERGE)** (Angular) Routing by handle and uuid: <https://github.com/DSpace/dspace-angular/pull/490> (Art Lowel (Atmire) ✅, Giuseppe Digilio (4Science), Tim Donohue , Andrea Bollini (4Science) - might be able to help with pid endpoint)
12. (Angular) Tracking stats from the UI <https://github.com/DSpace/dspace-angular/pull/495> (Tim Donohue , Paulo Graça , Chris Wilper)
13. **(MERGE)** (Angular) **(HIGH PRIORITY)** Refactor object lists <https://github.com/DSpace/dspace-angular/pull/497> (Giuseppe Digilio (4Science) ✅ approved, ✅ Tim Donohue)
14. (Angular) Add community & collection tree <https://github.com/DSpace/dspace-angular/pull/505> (Tim Donohue , Michael Spalti , Paulo Graça)
15. **(MERGE, after testing)**(Angular) **(HIGH PRIORITY)** i18n sync script <https://github.com/DSpace/dspace-angular/pull/504> 1 APPROVAL (Giuseppe Digilio (4Science), ✅ Tim Donohue , ✅Bram Luyten (Atmire), ✅Paulo Graça)
16. (Angular) Edit collection - content source tab <https://github.com/DSpace/dspace-angular/pull/506> 1 APPROVAL (Paulo Graça - issues found, **NEEDS SECOND REVIEWER**)
17. (Angular) Refactor Submission Parsers **(HIGH PRIORITY)** <https://github.com/DSpace/dspace-angular/pull/508> (Giuseppe Digilio (4Science) , Tim Donohue)
18. (Angular) Add support for bundles <https://github.com/DSpace/dspace-angular/pull/509> 1 APPROVAL (Tim Donohue, Chris Wilper)
 - a. Depends on PR#2548 (REST API)
19. (Backend) dspace.bat file: <https://github.com/DSpace/DSpace/pull/2544> 1 APPROVAL (Tim Donohue - will test on Windows, Mark H. Wood , Alexander Sulfrian, Chris Wilper , Andrea Bollini (4Science) - will test on linux)
20. **(NEW)**(Angular) Add/Edit Community and Collection Logos <https://github.com/DSpace/dspace-angular/pull/512> (Art Lowel (Atmire) , Tim Donohue)
21. **(NEW)**(Angular) Search Sidebar refactor <https://github.com/DSpace/dspace-angular/pull/513> (Tim Donohue, **NEEDS SECOND REVIEWER**)
22. **(NEW)**(REST) REST endpoint for discovering withdrawn and private items. <https://github.com/DSpace/DSpace/pull/2580> (Tim Donohue, **NEEDS SECOND REVIEWER**)

PRs Merged this week!

1. ✅ DS-4358 tests in modules <https://github.com/DSpace/DSpace/pull/2553>
2. ✅ (REST) CRUD on Collection & Community logo <https://github.com/DSpace/DSpace/pull/2562>
3. ✅ (Angular) Prevent encoding of query after login redirect. (Minor bugfix)

Blocked

1. (Blocked PRs go here)

Delayed / Needs Discussion

1. **Managing Authorization info in Angular UI**: How to pass Authorization rights (i.e. logged in user's access rights) from REST API to Angular? See for example: <https://github.com/DSpace/dspace-angular/issues/393>
 - a. Can this be achieved via passed HAL "_links" (e.g. the existence of an "edit" link in REST response means you must have Edit rights)?
 - b. In [July 25 meeting](#), we noted this probably cannot be resolved with just one simple solution. May need to look at different options for different scenarios
 - i. Also likely to need to store/cache a user's Groups in UI layer, as some areas (e.g. Administrative) require knowledge of user group membership
 - ii. Andrea Bollini (4Science) has investigated on that and created the following resources/proposals:
 - iii. [REST Authorization](#)
 - iv. <https://github.com/DSpace/Rest7Contract/pull/87>
 - v. <https://github.com/4Science/Rest7Contract/pull/1>

2. **REST API Projections:** Unable to locate Jira server for this macro. It may be due to Application Link configuration.
- a. Work begun in *1*
 - i. Based on detail discussions in our Oct 17 meeting.
 - b. (Outdated) Early work begun at <https://github.com/DSpace/DSpace/pull/1847>. Discussed in more detail in our Aug 22 meeting. Overall, this approach seems like a good direction, need volunteers to move it forward.
 - c. <https://github.com/DSpace/Rest7Contract/issues/2> (discussion resumed by Andrea Bollini (4Science) could be relevant for the projection)
3. Initial Performance Testing from Chris.
- a. <https://cwilper.github.io/dspace-perftest/>
4. (REST Contract) Edit Homepage News: <https://github.com/DSpace/Rest7Contract/pull/45>
- a. Delayed until after Preview release. General agreement (in meeting on March 21, 2019) that storing HTML in metadata fields is not really ideal behavior. Metadata (from a librarian standpoint) tends to be free of format-related markup (as that allows for easier sharing, understanding of metadata. Currently Community & Collection homepage information is HTML-based and *is stored in metadata* that is appropriate for a minor subset of information (like the title) but it is better to move large/rich text to bitstreams.
 - b. Proposal here is to consider storing HTML-based markup (for Site, Community & Collection homepages) in Bitstream(s) associated with the object in question. May allow for more CMS-lite behavior in the future
 - c. Timeline for this is uncertain. Possibly in 7 or 8. May depend on how/whether it can be scoped.
5. Concurrency in DSpace 7 (or 8). What do we want to do when multiple editors are editing the same object? Needs further analysis regarding implementation details
- a. We've decided (in meeting on March 7, 2019) to use ETags to implement concurrency. REST Contract notes on ETags: <https://github.com/DSpace/Rest7Contract#etags--conditional-headers>
 - b. ETags only update if the two fields match. If someone edits first, your edit would fail and you would get a fail response (422?)
 - c. ETags seems to have broader support in other REST APIs. Recommended also by both Art and Andrea.

Notes